

Pennsylvania Department of Education



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF EDUCATION
333 MARKET STREET
HARRISBURG, PA 17126-0333

Educational Technology Plan

Friday, March 30, 2007

Entity: Springfield Township SD

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Core Purpose

Mission

Ensure that all students are :

- high achieving
 - socially and ethically responsible
 - self-directed and productive
- through a high performing, unified and aligned learning community

Vision

It is the vision of the District that:

all students are :

- high achieving
 - socially and ethically responsible
 - self-directed and productive
- through a high performing, unified and aligned learning community

Shared Values

Mission:

Ensure that all students are :

- high achieving
 - socially and ethically responsible
 - self-directed and productive
- through a high performing, unified and aligned learning community

Visionary Leadership

- Sets clear, high standards
- Balances stakeholder needs
- Stimulates innovation
- Motivates and inspires

Learning -Centered Organizaton

- Actively promotes learning for all

Faculty, Staff and Community as Valued Stakeholders

- Commits to their satisfaction, development and well-being

Social Responsibility

- Promotes ethics and good citizenship for all

Needs Assessment

It is our belief that the thoughtful integration of appropriate technology used in an ethical and efficient manner is critical to the advancement of the overall mission of the School District of Springfield Township.

To live, learn and work successfully in an increasingly complex and information-rich society, students must be able to use technology effectively. Within an effective educational setting, technology can enable students to become capable information technology users; information seekers, analyzers, and evaluators; problem solvers and decision makers; creative and effective users of productivity tools; communicators, collaborators, publishers and producers; and informed, responsible and contributing citizens.

Parents want their children to graduate with skills that prepare them to either get a job in today's marketplace or advance to higher levels of education. Employers want to hire employees who are honest, reliable, literate, and able to reason, communicate, make decisions and learn. Communities want schools to prepare their children to become good citizens and productive members of society in an increasingly technological and information-based world. We need to find additional avenues to keep parents and, in fact, the entire district community informed and involved in our schools.

Teachers can utilize technology to individualize instruction for students, engage students in constructivist learning activities, and expand communication with students and parents. Current efforts to individualize instruction for students have been through use of an integrated learning system in grades K to 8 and through a web-based basic skills program in grades 9 to 12. The district has also utilized numerous programs to support student reading and writing with programs such as Kidspiration, Inspiration, Read Naturally, Yearly Progress Pro (YPP), among others. In addition, through our participation in The Virtual High School we are able to offer courses that meet the individual learning needs or interests of our students. Teachers equipped with large screen projection units, interactive whiteboards and computers with presentation software and Internet access can develop instructional sequences for students utilizing constructivist learning principles. Students can participate in threaded discussions. Textbook learning is enhanced by the use of subscription databases and programs like Beyond Books. Teachers develop their own inquiry-driven instruction using the WebQuest model.

There are numerous web-based opportunities for teachers and the district to communicate to parents and students about school progress and daily assignments. Technology will enable teachers, parents and students to have access to best teaching practices and curriculum resources through email, information on the district's web page, attending District Technology Nights and District Technology Training Institutes. Committee work and professional communication are facilitated through the conference features of the district email system. The email system continues to improve with each new release. We need to utilize the existing tools more effectively and learn to use some of the system's new features.

Technology will provide new opportunities for staff development. Online courses through universities and other providers are readily available. Laptop computers can quickly turn any learning space into a functioning computer lab. We can incorporate the learning of technical aspects of a new program with the teaching of best practice principles during training workshops. We need to provide the *just in time* support and a network infrastructure that fosters anytime, anywhere learning.

For well over a decade, Springfield Township School District has made strong commitment to the thoughtful integration of technology in curriculum. We were among the first in our region to employ a technology director, have our own domain name and website, commit to Internet connectivity in every classroom, computers on the desks of every teacher, and provide cutting edge library and media services. In fact, our virtual library has received national acclaim. Our academic integrity policies have been models for others around the country (evidence of these assertions furnished upon request). We were among the first adopters of Internet2 (I2) and video

conferencing in the county, we are on the verge of completing the installation of digital projection in every classroom and we currently subscribe to three streaming media services. We are committed to ongoing professional development in the use of technology to engage student learning and ethical use of technology in support of our ongoing student as researcher initiative and in student assessment both in regular and special education.

We have been committed to the Keystones Technology Integrators Program and represented at the first Keystones Summit in 2004. We are implementing a Getting to One Grant that will focus on the use of technology in the process of assessment and differentiated instruction and we maintain educational partnerships with the Montgomery County Intermediate Unit Internet Consortium, Montgomery County Community College, University of Pennsylvanias MAGPI and Temple University.

At Springfield, we believe we have done well as a model for late 20th century education. We want to become a model for the 21st century. The impact of this effort will propel us into the 21st century by magnifying our teachers ability to help our students become producers of academic knowledge, not just consumers. With I2 and Web 2.0 technologies such as podcasting, wikis and blogging, our students will interact with knowledge in a more dynamic way. This interaction will lead to knowledge construction, production and online portfolios. Teachers will help students manage information, think critically about information and hold their students to very high standards with respect to the quality of their research and writing across the curriculum. Currently, 40 percent of the students in our high school transferred to our District from somewhere else, many from Philadelphia. We believe technology can serve in leveling the educational playing field for students coming from increasingly diverse backgrounds and educational experiences. We need to leverage 21st century educational technology in the service of all our students.

The challenge posed to some teachers is ironically the beauty of 21st century education. It is the challenge to traditional role of the teacher as the *broker of knowledge* in the classroom and *one size fits all* instruction. For some teachers still, this may be an adjustment. We need to be more innovative in the way we construct and deliver professional development opportunities in the effective use of educational technology for the implementation of differentiated instruction.

There are also the logistical concerns related to the management and security of technology hardware and software resources and the management and effective use of information. Very talented members of the Springfield staff, as well as carefully selected vendors, consultants from the Montgomery County Intermediate Unit (MCIU) and private sector continue to address these challenges in the context of a rapidly changing technological and regulatory landscape.

Springfield sustains these commitments and endeavors to meet these challenges through its regular operating budget, over ninety percent of which we receive from local sources. Springfield even sustained its technology funding levels through a renovation project at our high school. Now, we find ourselves on the cusp of renovation projects for our three other schools, all of which are over 45 years old. Despite this, we are committed to expanding into wireless technology, intelligent network switching technology, video conferencing and Internet2 technologies and interactive classroom technologies to support the improved engagement of students in the learning process and their academic performance.

We have the infrastructure, vision, talent, commitment to professional development and sustained commitment to educational reform with the thoughtful integration of technology to meet the goals in this technology plan. We have the record of accomplishment to make this plan work on behalf of our students. What we do not have are the financial resources locally to do all we know can be done to fully leverage technology in support of our District's goals and will, consequently, pursue grants, as we have done in the past, to supplement our technology budget and realize fully all the plan aspires to achieve.

Goals and Strategies

Goal: Communicating with the Community

Description: The district will enhance and upgrade the communication systems to facilitate exchange between school professionals and parents to address the multiple needs of the learning community.

Strategy: Home Access Center

Description: The Home Access Center will allow parents to monitor their child's academic and overall school performance on a daily basis. The system is designed to share a variety of information about the school life of the student and facilitate communication between school and home.

Educational Practices: Artful Use of Infrastructure

Activity	Description	Evaluation Procedure
Introduction of the Home Access Center		We will be able to determine our success by monitoring usage patterns, conducting surveys, and feedback from focus teams and the technology advisory committee.
Person Responsible	Timeline for Implementation	Resources
Michael Wagman	Start: n/a Finish: n/a	\$3,600.00

Strategy: Implementing a Phone Auto Calling Program

Description: The district will have the capacity to broadcast a voice message to every phone number in our student information system within a specified period of time.

Educational Practices: Artful Use of Infrastructure

Activity	Description	Evaluation Procedure
Acquisition and Training		The calling system will be evaluated based on its ability to meet district and vendor specifications and in its ease of use, as reported by personnel authorized to broadcast voice messages.
Person Responsible	Timeline for Implementation	Resources
Michael Wagman	Start: n/a Finish: n/a	\$22,000.00

Strategy: Maximizing FirstClass Intranet Tools

Description: Our intranet system, FirstClass, is known to our teachers as our email system. It is so much more. We intend to improve our communication within our school community and to the community at large using the tools built into FirstClass.

Educational Practices: Artful Use of Infrastructure

Activity	Description	Evaluation Procedure
Advanced Training in the Use of FirstClass.		We will see growth in the use of online processing of technology, maintenance, capital improvement service requests. We will also see greater use of

web and file server functions, allowing teachers, administrators and support staff to use the system to forward urgent incoming email to text messaging receivers and to disseminate information to the community.

Person Responsible
Michael Wagman

Timeline for Implementation
Start: n/a Finish: n/a

Resources
\$13,500.00

Strategy: Using Video Over IP and Cable Access

Description: We will develop informational programming using our new video to internet protocol system, broadcasting through our computer network and website. Programming can be archived or converted for broadcast over community cable.

Educational Practices: Artful Use of Infrastructure, Quality Teaching

Activity
Multicast Program Development

Description

Evaluation Procedure
We will evaluate the success of this activity by the frequency and quality of programming, school and community feedback, and the level of student involvement.

Person Responsible
Michael Wagman

Timeline for Implementation
Start: n/a Finish: n/a

Resources
\$4,000.00

Goal: Curriculum and Learning

Description: The curriculum and learning goals and objectives will improve student learning by improving the quality of the curricula used by students and teachers in all disciplines. This improved curricula, coupled with strong staff development efforts and the use of proven teaching strategies by teachers will enable the district to provide for the educational needs of all students. The goals from the technology plan will help the district provide more targeted instruction to achieve learning goals while providing it with tools for monitoring student achievement. All educators will continue to identify, prioritize, and incorporate the use of technology to achieve learning objectives in all disciplines within each school's curriculum as appropriate.

Strategy: Introduction of 21st Century Teaching Tools

Description: In addition to maintaining our current replacement cycle on computer hardware and the management of modern software productivity tools, we leverage these tools in the use of other interactive learning tools such as SmartBoards, digital course management systems, Web 2.0, Internet2, video conferencing to enhance learning.

Educational Practices: Artful Use of Infrastructure, Continuous Learning Ethic, Quality Leadership, Quality Teaching

Activity
Creating New Options to
Demonstrate Learning

Description

Evaluation Procedure
We will monitor and log use of video conferencing equipment in classroom instruction. We will look at student use of our research databases, work in blogs, wikis and other new interactive web tools and teacher use of digital streaming media and interactive whiteboards.

Person Responsible Michael Wagman	Timeline for Implementation Start: n/a Finish: n/a	Resources \$78,000.00
Activity Implementing and Using Online Assessments and Other Technologies for Differentiating Instruction	Description	Evaluation Procedure We will examine teacher and TIM feedback, establishment of learning growth targets and improvement in student performance on these assessments. In addition, the Getting to One Grant establishes evaluation procedures including, but not limited to, the TIM the keeping a journal, outside observations, etc.
Person Responsible Michael Wagman	Timeline for Implementation Start: n/a Finish: n/a	Resources \$102,280.00
Activity Virtual High School	Description	Evaluation Procedure We will look for enrollment at or near our maximum allotment of student seats. We will survey students with respect to their level of satisfaction with the courses. We will look at AP scores, where applicable, and other measures of student performance.
Person Responsible Michael Wagman	Timeline for Implementation Start: n/a Finish: n/a	Resources \$48,000.00

Goal: Data Management

Description: The district will continue to improve the district-wide student information management system used to track student progress and to provide administrators and teachers with information for instructional planning.

Strategy: Integrating Data Sources

Description: Using our new Student Information System, Pentamotion's E-School Plus, as the foundation, we will integrate major data systems by acquiring additional modules and using SIF Agents and Zone Servers.

Educational Practices: Artful Use of Infrastructure

Activity Building Bridges to Other Data Systems	Description	Evaluation Procedure We will evaluate the effectiveness of this activity based on the reductions in the following: Duplication of data entry tasks Manual transfer of student information Time spent in preparing reports for PDE, DRC, NWEA and others.
Person Responsible Michael Wagman	Timeline for Implementation Start: n/a Finish: n/a	Resources \$42,000.00
Activity	Description	Evaluation Procedure

Fully Implement the Pentamotion
SIS- E-School Plus

We will evaluate the ease, power and frequency of use of the report writing capabilities built into E-School Plus, both natively and through customization, and Cognos Impromptu. We will survey administrators and technology staff periodically to assure that data-related needs are being met.

Person Responsible
Michael Wagman

Timeline for Implementation
Start: n/a Finish: n/a

Resources
\$219,515.00

Activity
Improving Backup Protocols

Description

Evaluation Procedure
We will evaluate the performance of our backup protocol by periodic audits of the speed of data transmission and our ability to access and restore files.

Person Responsible
Michael Wagman

Timeline for Implementation
Start: n/a Finish: n/a

Resources
\$14,800.00

Activity
Integrating Special Education
Data

Description

Evaluation Procedure
We will evaluate the success of this activity by surveying teachers, instructional and administrative support personnel with respect to the quality of the training and the systems ability meet vendor specifications.

Person Responsible
Michael Wagman

Timeline for Implementation
Start: n/a Finish: n/a

Resources
\$56,400.00

Goal: Use of Modern Technology Tools

Description: The district will continue to provide students and teachers updated computer equipment in labs and classrooms.

Strategy: Hardware Replacement Cycle

Description: The district successfully maintains a 4-5 year replacement cycle on computer hardware including desktop computers, laptop computers, servers and switches. We intend to maintain the current replacement cycle. We are also transitioning to wider use of mobile labs in our secondary schools, as we implement wireless network services.

Educational Practices: Artful Use of Infrastructure

Activity
Implementation of Annual Review
of Hardware Inventory

Description

Evaluation Procedure
We will survey students, teachers and administrators. Additionally, we will evaluate the impact of any change in deployment strategy with respect to its effectiveness in improving the quality and level of technology integration with instructional planning.

Person Responsible

Timeline for Implementation

Resources

Michael Wagman

Start: n/a Finish: n/a

\$390,000.00

Strategy: Intelligent Switch and Wireless Technology

Description: The technology department will deploy a new network core and intelligent end switches throughout the network in the high school in 2006-2007 with the end switches in other schools upgraded in subsequent years. The switching technology will allow for true authentication of network users, multiple virtual LANs and will provide the groundwork for the deployment and security of a district-wide wireless network.

Educational Practices: Artful Use of Infrastructure, Continuous Learning Ethic, Quality Teaching

Activity

Installation and implementation of new switching technology

Description**Evaluation Procedure**

Switches will be evaluated in terms of their ability to meet vendor stated performance standards and for their ability to provide greater network security and flexibility in assigning user resources.

Person Responsible

Michael Wagman

Timeline for Implementation

Start: n/a Finish: n/a

Resources

\$91,000.00

Activity

Installation of Wireless Network

Description**Evaluation Procedure**

We would evaluate the wireless system performance against vendor specifications. We would anticipate the demonstration of anytime, anywhere within the school use of network resources for research and communication and expect to see an increase in frequency and number of locations in which professional development activities can occur.

Person Responsible

Michael Wagman

Timeline for Implementation

Start: n/a Finish: n/a

Resources

\$17,500.00

Strategy: Leveraging Classrooms for the Future and Getting to One

Description: Currently, we have a 2:1 student to computer ratio when all computers in the district are counted. It is our desire to have a 1:1 ratio in the high school using the model of one computer per student desktop and an interactive whiteboard in every core academic classroom, as advocated by the Pennsylvania Department of Education through the Classrooms for the Future (C4F) grant. It is our hope to do this through a combination of C4F grant funding and local funds. At the primary level, we are using our Getting to One integration coach and local funds to increase the use of interactive technologies to engage learners and differentiate instructional delivery.

Educational Practices: Artful Use of Infrastructure, Quality Leadership, Quality Teaching

Activity

Laptop Computers and Interactive Classroom Technology

Description**Evaluation Procedure**

We are using a variety of tools including a PDE, Penn State and University of Va tool known as TPR to assess changes in instructional delivery and student activity. We will also look for

Person Responsible Michael Wagman	Timeline for Implementation Start: n/a Finish: n/a	improvements in local assessments such as math unit assessments and District Writing Samples. Resources \$347,300.00
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Strategy: Use of Software

Description: The Technology Director in conjunction with the Network Manager and Technology Staff will assure that all software deployed is properly licensed and the Technology Advisory Committee will assist with assessing the effectiveness of titles and versions in meeting the needs of teachers, administrative staff and students.

Educational Practices: Artful Use of Infrastructure, Quality Teaching

Activity	Description	Evaluation Procedure
Implementation of Annual Review of Software Inventory		Teacher and administrative surveys (formal and informal) in their use of district licensed software titles with respect to their ability assist them in the performance of their job responsibilities and in the fostering of creative and productive work.
Person Responsible Michael Wagman	Timeline for Implementation Start: n/a Finish: n/a	Resources \$140,850.00

Staff Development

Overview of District Priorities and Practices for Professional Development in the Area of Technology

With respect to technology initiatives and larger District goals supported by these initiatives, the Director of Technology and the Technology Support Staff provide or coordinate professional development in the following areas:

1. Effective use of the new Student Information System SIS and new and existing data systems designed to integrate with SIS.
2. Effective use of interactive whiteboard technology and related classroom technologies
3. Development of internal capacity to use electronic student performance assessment reporting systems including MAP, YPP, 4Sight, E-Metric and District data warehousing
4. Development of internal capacity to use digital curriculum development tools and digital media
5. Support for integration of classroom hardware, software and data systems in instructional decision-making and planning

Our technology staff conducts training for new teachers through the District's

induction program. Additionally, through the *Getting to One* grant, we will be providing direct support to teachers in the elementary and middle level on the use of assessment data and technology tools in differentiating instruction. The Montgomery County Intermediate Unit continues to provide support for the use of interactive whiteboards in a train the trainer model, allowing us to develop internal capacity to train staff as we continue to add this technology to our classrooms. Our building support staff receive ongoing training in all new technologies introduced and provide just in time training, as needed.

The district provides in-service to all new teachers during their induction training. Other teachers engage in technology-related professional development during professional development days at the start of the school year and, as needed, through release time, team or grade level planning time and after school

We believe strongly in the concept of building internal capacity for training. A model we view most favorably is "Train the Trainer." As we introduce new educational technologies, we usually begin with a core team of early adopters who volunteer to be trained and who, in turn, train other members of the staff. These early adopters have access to technologies such as interactive whiteboards first, for example. Some technology training is mandatory, such as effective use of our new student information system. Technologies used to support our research initiative are incorporated into annual goals, required by building principals.

We maintain a conference and training budget as line items in the technology budget. This assures adequate financial resources to support participation fees, travel expenses, etc. It also permits us to bring expertise to the District. We have also made a commitment to providing district personnel responsible for technology support and training at the elementary, middle and senior high school levels. In addition, we have a trainer primarily assigned to special education and a Getting to One Technology Integrator. Most of our media specialists are also first adopters of technology and, in turn, provide staff training. Examples in this area include support in the development of webquests, instructional designs for the use of Web 2.0, Internet2 video conferencing and digital streaming media. We also use the Montgomery County IU, PaTTAN and vendors to provide specific training, when the need arises.

What professional development opportunities are available from outside sources (such as service providers, courses at institutions of higher education, conferences, courses delivered via distance learning or over the Internet; courses sponsored by your state education or library agency)?

We participate in webinars sponsored by the PDE, our SIS vendors and others. In addition, our partnership with the Internet2 Consortium under the auspices of the MCIU and University of Pennsylvania opens opportunities for training via video conferencing.

Historically, our district currently supports the following staff development delivery options:

- College and University Courses;
- Distance Learning;
- Hands-on Computer Training;
- Summer Institutes;

Vendor/Commercial Training;
 Development of Technology Infused Curriculum;
 District-Wide and Building Specific Workshops;
 Mentor/Master Teacher;
 Peer to Peer Partnerships.

The district will be investigating two-way video and district-developed online classroom opportunities

Budget

Summary: Potential Funding Distribution

Funding Source	2007-2008	2008-2009	Total
010 - ADMINISTRATIVE BUDGET	\$410,270.00	\$408,630.00	\$818,900.00
390 - EXTRA GRANTS	\$152,300.00	\$100,000.00	\$252,300.00
TOTAL	\$562,570.00	\$508,630.00	\$1,071,200.00

Goal: Communicating with the Community

The district will enhance and upgrade the communication systems to facilitate exchange between school professionals and parents to address the multiple needs of the learning community.

Home Access Center	2007-2008	2008-2009	Total	Funding Source
Introduction of the Home Access Center	\$1,200.00	\$1,200.00	\$2,400.00	010 - ADMINISTRATIVE BUDGET

Implementing a Phone Auto Calling Program	2007-2008	2008-2009	Total	Funding Source
Acquisition and Training	\$12,000.00	\$10,000.00	\$22,000.00	010 - ADMINISTRATIVE BUDGET

Maximizing FirstClass Intranet Tools	2007-2008	2008-2009	Total	Funding Source
Advanced Training in the Use of FirstClass.	\$4,500.00	\$4,500.00	\$9,000.00	010 - ADMINISTRATIVE BUDGET

Using Video Over IP and Cable Access	2007-2008	2008-2009	Total	Funding Source
Multicast Program Development	\$1,000.00	\$1,000.00	\$2,000.00	010 - ADMINISTRATIVE BUDGET

GRAND TOTAL	\$18,700.00	\$16,700.00	\$35,400.00
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Goal: Curriculum and Learning

The curriculum and learning goals and objectives will improve student learning by improving the quality of the curricula used by students and teachers in all disciplines. This improved curricula, coupled with strong staff development efforts and the use of proven teaching strategies by teachers will enable the district to provide for the educational needs of all students. The goals from the technology plan will help the district provide more targeted instruction to achieve learning goals while providing it with tools for monitoring student achievement. All educators will continue to identify, prioritize, and incorporate the use of technology to achieve learning objectives in all disciplines within each school's curriculum as appropriate.

Introduction of 21st Century Teaching Tools	2007-2008	2008-2009	Total	Funding Source
Creating New Options to Demonstrate Learning	\$26,000.00	\$26,000.00	\$52,000.00	010 - ADMINISTRATIVE BUDGET
Implementing and Using Online Assessments and Other Technologies for Differentiating Instruction	\$26,140.00	\$0.00	\$26,140.00	010 - ADMINISTRATIVE BUDGET
Implementing and Using Online Assessments and Other Technologies for Differentiating Instruction	\$25,000.00	\$0.00	\$25,000.00	390 - EXTRA GRANTS
Virtual High School	\$16,000.00	\$16,500.00	\$32,500.00	010 - ADMINISTRATIVE BUDGET
GRAND TOTAL	\$111,840.00	\$59,200.00	\$0.00	\$171,040.00

Goal: Data Management

The district will continue to improve the district-wide student information management system used to track student progress and to provide administrators and teachers with information for instructional planning.

Integrating Data Sources	2007-2008	2008-2009	Total	Funding Source
Building Bridges to Other Data Systems	\$6,000.00	\$6,000.00	\$12,000.00	010 - ADMINISTRATIVE BUDGET
Fully Implement	\$32,480.00	\$32,480.00	\$64,960.00	010 -

the Pentamotion SIS- E-School Plus				ADMINISTRATI VE BUDGET
Improving Backup Protocols	\$4,800.00	\$4,800.00	\$9,600.00	010 - ADMINISTRATI VE BUDGET
Integrating Special Education Data	\$37,200.00	\$19,200.00	\$56,400.00	010 - ADMINISTRATI VE BUDGET
GRAND TOTAL	\$192,320.00	\$121,680.00	\$314,000.00	

Goal: Use of Modern Technology Tools

The district will continue to provide students and teachers updated computer equipment in labs and classrooms.

Hardware Replacement Cycle	2007-2008	2008-2009	Total	Funding Source
Implementation of Annual Review of Hardware Inventory	\$130,000.00	\$130,000.00	\$260,000.00	010 - ADMINISTRATI VE BUDGET

Intelligent Switch and Wireless Technology	2007-2008	2008-2009	Total	Funding Source
Installation and implementation of new switching technology	\$20,000.00	\$30,000.00	\$50,000.00	010 - ADMINISTRATI VE BUDGET
Installation of Wireless Network	\$6,000.00	\$0.00	\$6,000.00	010 - ADMINISTRATI VE BUDGET

Leveraging Classrooms for the Future and Getting to One	2007-2008	2008-2009	Total	Funding Source
Laptop Computers and Interactive Classroom Technology	\$40,000.00	\$80,000.00	\$120,000.00	010 - ADMINISTRATI VE BUDGET
Laptop Computers and Interactive Classroom Technology	\$127,300.00	\$100,000.00	\$0.00	\$227,300.00 390 - EXTRA GRANTS

Use Software	2007-2008	2008-2009	Total	Funding Source
Implementation	\$46,950.00	\$46,950.00	\$93,900.00	010 -

of Annual
Review of
Software
Inventory

ADMINISTRATI
VE BUDGET

GRAND TOTAL	\$562,570.00	\$508,630.00	\$1,071,200.00
TOTAL	\$370,250.00	\$386,950.00	\$757,200.00

Monitoring

The Director of Technology and Assistant Superintendent, with the assistance of the District Technology Advisory Committee, will oversee the implementation of the technology initiatives and action steps. We will utilize the Director of Technology and the Strategic Planning Focus Teams to communicate progress on the goals and objectives in the Technology Plan through E-Strategic Planner and to the superintendent, administration, faculty, school board and community on an annual basis. This communication will take place at budget presentations at school board meetings, at school open-house meetings, through district newsletters, and through the district's web page and cable television programming.

Evaluation

EVALUATION STRATEGIES

The Technology Advisory Committee will identify the performance measures for the various objectives included in the plan. The data will be collected through peer observation, feedback from peer coaches and administrators, suggestions from department heads and grade level leaders, feedback from curriculum consultants working with faculty, and suggestions from parties involved in recommending and planning professional development. We will gather data using a variety of methods, including classroom observation, tracking the level of use of software, and analysis of student performance on standardized testing and online assessment tools such as MAP and YPP.

The Director of Technology and Assistant Superintendent, with the assistance of the District Technology Advisory Committee, will oversee the implementation of the technology initiatives and action steps. We will utilize the our Director of Technology and the Strategic Planning Focus Teams to communicate progress on the goals and objectives in the Technology Plan to the superintendent, administration, faculty, school board and community on an annual basis. This communication will take place at budget presentations at school board meetings, at school open-house meetings, through district newsletters, and through the district's web page and cable television programming.